

R. Zeman

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P#9

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RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/202,181

DATE: 07/12/2000  
TIME: 13:45:01

Input Set : A:\Reisner1.app  
Output Set: N:\CRF3\07122000\I202181.raw

3 <110> APPLICANT: REISNER, Yair et al.  
5 <120> TITLE OF INVENTION: HUMAN MONOCLONAL ANTIBODIES TO THE HEPATITIS B SURFACE  
6 ANTIGEN  
8 <130> FILE REFERENCE: REISNER=5  
10 <140> CURRENT APPLICATION NUMBER: 09/202,181  
11 <141> CURRENT FILING DATE: 1998-12-10  
13 <150> PRIOR APPLICATION NUMBER: 118625  
14 <151> PRIOR FILING DATE: 1996-06-11  
16 <150> PRIOR APPLICATION NUMBER: IL97/00184  
17 <151> PRIOR FILING DATE: 1997-06-10  
19 <160> NUMBER OF SEQ ID NOS: 4  
21 <170> SOFTWARE: PatentIn Ver. 2.1  
23 <210> SEQ ID NO: 1  
24 <211> LENGTH: 327  
25 <212> TYPE: DNA  
26 <213> ORGANISM: human  
28 <220> FEATURE:  
29 <221> NAME/KEY: CDS  
30 <222> LOCATION: (1)..(327)  
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34 Ser Tyr Val Leu Thr Gln Pro Pro Ser Val Ser Val Ala Pro Gly Lys  
35 1 5 10 15  
37 acg gcc agg att tcc tgt ggg gga aac aac att gga act aaa aat gtg 96  
38 Thr Ala Arg Ile Ser Cys Gly Gly Asn Asn Ile Gly Thr Lys Asn Val  
39 20 25 30  
41 cac tgg tac cag cag aag cca ggc cag gcc cct gtg ctg gtc tat 144  
42 His Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Val Leu Val Val Tyr  
43 35 40 45  
45 gct gat agc gac cgg ccc tca ggg atc cct gag cga ttc tct ggc tcc 192  
46 Ala Asp Ser Asp Arg Pro Ser Gly Ile Pro Glu Arg Phe Ser Gly Ser  
47 50 55 60  
49 aac tct ggg aac acg gcc acc ctg acc atc agc agg gtc gaa gtc ggg 240  
50 Asn Ser Gly Asn Thr Ala Thr Leu Thr Ile Ser Arg Val Glu Val Gly  
51 65 70 75 80  
53 gat gag gcc gac tat tac tgt cag gtg tgg gat agt gtt agt tat cat 288  
54 Asp Glu Ala Asp Tyr Tyr Cys Gln Val Trp Asp Ser Val Ser Tyr His  
55 85 90 95  
57 gtg gta ttt ggc gga ggg acc acg ctg acc gtc cta ggt 327  
58 Val Val Phe Gly Gly Thr Thr Leu Thr Val Leu Gly  
59 100 105  
62 <210> SEQ ID NO: 2  
63 <211> LENGTH: 109  
64 <212> TYPE: PRT  
65 <213> ORGANISM: human  
67 <400> SEQUENCE: 2  
68 Ser Tyr Val Leu Thr Gln Pro Pro Ser Val Ser Val Ala Pro Gly Lys

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69 1 5 10 15  
 71 Thr Ala Arg Ile Ser Cys Gly Gly Asn Asn Ile Gly Thr Lys Asn Val  
 72 20 25 30  
 74 His Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Val Leu Val Val Tyr  
 75 35 40 45  
 77 Ala Asp Ser Asp Arg Pro Ser Gly Ile Pro Glu Arg Phe Ser Gly Ser  
 78 50 55 60  
 80 Asn Ser Gly Asn Thr Ala Thr Leu Thr Ile Ser Arg Val Glu Val Gly  
 81 65 70 75 80  
 83 Asp Glu Ala Asp Tyr Tyr Cys Gln Val Trp Asp Ser Val Ser Tyr His  
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 86 Val Val Phe Gly Gly Thr Thr Leu Thr Val Leu Gly  
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 92 <211> LENGTH: 363  
 93 <212> TYPE: DNA  
 94 <213> ORGANISM: human  
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 102 Gln Val Gln Leu Val Glu Ser Gly Gly Val Val Gln Pro Gly Gly  
 103 1 5 10 15  
 105 tcc ctg aga ctc tcc tgt gca ccg tct gga ttc gtc ttc agg agt tat 96  
 106 Ser Leu Arg Leu Ser Cys Ala Pro Ser Gly Phe Val Phe Arg Ser Tyr  
 107 20 25 30  
 109 ggc atg cac tgg gtc cgc cag act cca ggc aag ggg ctt gag tgg gtg 144  
 110 Gly Met His Trp Val Arg Gln Thr Pro Gly Lys Gly Leu Glu Trp Val  
 111 35 40 45  
 113 tca ctt ata tgg cat gat gga agt aat aga ttc tat gca gac tcc gtg 192  
 114 Ser Leu Ile Trp His Asp Gly Ser Asn Arg Phe Tyr Ala Asp Ser Val  
 115 50 55 60  
 117 aag ggc cga ttc acc atc tcc aga gac aat tcc aag aac aca ttg tat 240  
 118 Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr  
 119 65 70 75 80  
 121 ttg caa atg aac agc ctg aga gcc gaa gac acg gct atg tac ttc tgt 288  
 122 Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Met Tyr Phe Cys  
 123 85 90 95  
 125 gcg aga gag agg ctg att gca gca cct gct gcc ttt gac ctc tgg ggc 336  
 126 Ala Arg Glu Arg Leu Ile Ala Ala Pro Ala Ala Phe Asp Leu Trp Gly  
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 130 Gln Gly Thr Leu Val Thr Val Ser Ser  
 131 115 120  
 134 <210> SEQ ID NO: 4  
 135 <211> LENGTH: 121  
 136 <212> TYPE: PRT  
 137 <213> ORGANISM: human

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139 <400> SEQUENCE: 4  
140 Gln Val Gln Leu Val Glu Ser Gly Gly Gly Val Val Gln Pro Gly Gly  
141 1 5 10 15  
143 Ser Leu Arg Leu Ser Cys Ala Pro Ser Gly Phe Val Phe Arg Ser Tyr  
144 20 25 30  
146 Gly Met His Trp Val Arg Gln Thr Pro Gly Lys Gly Leu Glu Trp Val  
147 35 40 45  
149 Ser Leu Ile Trp His Asp Gly Ser Asn Arg Phe Tyr Ala Asp Ser Val  
150 50 55 60  
152 Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr  
153 65 70 75 80  
155 Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Met Tyr Phe Cys  
156 85 90 95  
158 Ala Arg Glu Arg Leu Ile Ala Ala Pro Ala Ala Phe Asp Leu Trp Gly  
159 100 105 110  
161 Gln Gly Thr Leu Val Thr Val Ser Ser  
162 115 120

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